

JEFFREY K. LOWE
Curriculum Vitae

Employment Record and Experience

10-94 to present	Fire and Explosion Investigator (promoted to Supervisor-2002) EFI Global, Inc. Responsibilities include investigation of motor vehicle, residential and commercial property fire scenes to determine origin and cause. Responsibilities also include preparation, collection and preservation of oral, documentary and demonstrative evidence to support conclusion.
09-91 to 10-94	Fire-Explosion Analyst Fire Science Technologies, Inc. Palmer, Massachusetts Responsibilities include investigations of residential, motor vehicle and commercial property fire scenes to determine origin and cause.
06-84 to present	Captain (Promoted-November, 1998) Rutland Fire Department Rutland, Massachusetts Responsibilities include investigation of fires to determine origin and cause, as well as suppression, and fire prevention activity.

Fire Science Education

09/03/98 to 09/15/02	Master of Science Degree Major: Fire and Arson Investigation University of New Haven West Haven, Connecticut <ul style="list-style-type: none">• Arson for Profit• Product Liability• Fire Protection Systems Application• Industrial Fire Protection• Advanced Crime Scene Investigation• Fire Protection Codes and Standards• Chemistry of Fires and Explosions• Advanced Fire Scene and Arson Analysis• Survey of Forensic Science• Systems Approach to Fire Safety• Forensic Experts on their Expertise• Design, Dynamics and Evaluation of Structural Fires• Legal Aspects of Fire and Arson Investigation
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- Research Project: “Explosion Dynamics”

Fire Science Education (continued)

05-91 **Bachelor of Science Degree**
Major: Fire/Arson Investigation
Minor: Criminal Justice
University of New Haven
West Haven, Connecticut

03-20-94 **Advanced Fire and Arson Investigation**
to
06-30-94 Anna Maria College
Paxton, Massachusetts

Certifications

12-98 **Certified Fire Investigator**
Massachusetts Firefighting Academy
Stow, Massachusetts
(Expires 12-05-03)

08-98 **Certified Fire and Explosion Investigator**
National Association of Fire Investigators
Hoffman Estates, Illinois
Registration No.: 3971-1901

05-97 **Certified Fire Investigator**
International Association of Arson Investigators
St. Louis, Missouri
Certificate Number 22-064
(Expires 05-15-07)

05-97 **Certified Fire Investigator**
National Board of Fire Service
Professional Qualifications
Quincy, Massachusetts
Certificate number 39137

09-22-95 **Certified Hazardous Waste Site-Worker**
Required by OSHA Standard 29CFR 1910-120
OccuHealth, Inc.
Mansfield, Massachusetts
(Annual Re-certification)

09-95

Certified Firefighter I
Massachusetts Firefighting Academy
Stow, Massachusetts.

Specialized Fire Investigation Training

5/21/01 to 5/15/01	Annual Meeting and Conference International Association of Arson Investigators Atlantic City, New Jersey
11/30/00	Heating System Fires and Fire Dynamics Mass Chapter International Association of Arson Investigators
10/5/00	Accelerant Evidence Collection Techniques Mass Chapter International Association of Arson Investigators
3/21/00 to 3/25/00	2000 National Advanced Fire, Arson, and Explosion Investigation Science and Technology Program Fire and Safety Engineering Technology Eastern Kentucky University
01/21/99	Vehicle Fires and Fraud Mass Chapter International Association of Arson Investigators
11/19/98	Fire Protection Systems Mass Chapter International Association of Arson Investigators
05-22-98	Health and Safety - for Hazardous Waste Operations Required by OSHA Standard 29CFR 1910-120 OccuHealth, Inc. Mansfield, Massachusetts - 8 hours (Refresher training program)
05-15-97 to 05-16-97	Mock Trial - Trial Preparation Massachusetts Chapter International Association of Arson Investigators Cape Cod Community College Barnstable, Massachusetts - 12 hours.

Specialized Training (continued)

- 05-15-96** **Fire and Arson Investigation Workshop on Appliance Failures and Fires**
to
05-16-96 Massachusetts Chapter
International Association of Arson Investigators
Cape Cod Community College
Hyannis, Massachusetts - 11 hours.
- 03-29-96** **Advanced Arson Investigative Techniques for the Insurance Industry**
Department of the Treasury
Bureau of Alcohol, Tobacco and Firearms
Federal Law enforcement Training Center
Glynco, Georgia - 50 hours.
- 05-31-95** **Fire Dynamics, Case Preparation, Defending Civil Cases, Flashover Vs Flammable Liquid Burn Patterns & Environmental Considerations**
to
06-02-95 Massachusetts Chapter
International Association of Arson Investigators, Inc.
Cape Cod Community College
Hyannis, Massachusetts - 16.5 hours.
- 01-26-95** **Expert Witness Testimony/Court Room Demeanor and Investigation of Large Loss Fires/The "Black Hole"**
Massachusetts Chapter
International Association of Arson Investigators, Inc.
Florian Hall
Boston, Massachusetts - 6 hours.
- 05-18-94** **Vehicle - Recreational Vehicle Fires Photography and HAZ-MAT**
International Association of Arson Investigators, Inc.
Westford, Massachusetts - 12.5 hours.
- 05-08-94** **Initial Response to Hazardous Materials (Explosion - LP/gas).**
National Fire Academy
Emmitsburg, Maryland - 12 hours.
- 11-27-93** **Fire/Arson Investigation**
to
12-10-93 National Fire Academy
Emmitsburg, Maryland - 80 hours.
(Explosion - LP/gas) - 7 hours.

Specialized Training (continued)

- 10-28-93** **Fire Research and Development**
 to International Association of Arson Investigators, Inc.
10-30-93 Mansfield, Massachusetts - 18 hours.
- 05-18-93** **Fire and Arson Investigation Seminar**
 to International Association of Arson Investigators, Inc.
05-20-93 Mansfield, Massachusetts - 22 hours.
- 04-14-93** **Juvenile Firesetters Intervention Training**
 to The Worcester Fire Department Fire Prevention Bureau
 Worcester, Massachusetts - 6 hours.
- 03-01-93** **HAZ-MAT First Responder**
 to Massachusetts Firefighting Academy
 Rutland Fire Department
 Rutland, Massachusetts - 8 hours.
- 01-24-93** **Fire/Arson Detection**
 to National Fire Academy
01-25-93 Emmitsburg, Maryland - 12 hours.
- 01-21-93** **NFPA - 921 - Flammability of Furniture and Mattresses**
 to International Association of Arson Investigators, Inc.
 Sturbridge, Massachusetts - 7 hours.
- 10-06-92** **Electricity and Fire Cause**
 to Massachusetts Firefighting Academy
 Stow, Massachusetts - 3 hours.
- 09-17-92** **Evidence Collection**
 to Massachusetts Chapter
 International Association of Arson Investigators, Inc.
 Mount Wachusett Community College
 Gardner, Massachusetts - 8 hours.
- 05-19-92** **Essentials of Fire Investigations**
 to Massachusetts Chapter
05-21-92 International Association of Arson Investigators, Inc.
 to Host Inn, Mansfield, Massachusetts - 18 hours.
- 09-19-91** **Photographic Evidence and Narcotic Related Fires**
 to International Association of Arson Investigators, Inc.
 Frohsinn Club
 Shrewsbury, Massachusetts - 6 hours.

Specialized Training (continued)

05-19-91	Arson Investigation Meadowood County Fire Department Troy, New Hampshire - 16 hours.
04-26-91 to 04-27-91	Fire/Arson Detection Massachusetts Firefighting Academy Gardner, Massachusetts - 12 hours.
03-14-91	Recovering Physical Evidence - Fire Explosion Litigation Electrical Fire Scene Investigation Massachusetts Chapter International Association of Arson Investigators, Inc. Fitchburg, Massachusetts - 6 hours.
11-15-90 to 11-16-90	Arson Investigators Seminar Connecticut Chapter International Association of Arson Investigators, Inc. Hartford, Connecticut - 12 hours.
01-15-90 to 01-16-90	Arson Investigators Seminar Connecticut Chapter International Association of Arson Investigators, Inc. Hartford, Connecticut - 12 hours.

Professional Association Memberships

International Affiliation International Association of Arson Investigators

Massachusetts Chapter International Association of Arson Investigators

National Fire Protection Association

National Association of Fire Investigators.